

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

2400/10

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

Unassigned

10/570838

INTERNATIONAL APPLICATION NO.  
PCT/KR2003/002870INTERNATIONAL FILING DATE  
29 December 2003PRIORITY DATE CLAIMED  
03 September 2003

## TITLE OF INVENTION

APPARATUS AND METHOD FOR SELF-PHASE CONTROL WITH STIMULATED BRILLOUIN SCATTERING PHASE  
CONJUGATE MIRROR

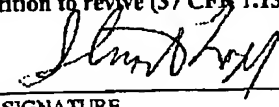
APPLICANT(S) FOR DO/EO/US: KONG, Hong-Jin; LEE, Seong-Ku, Lee, Dong-Won, MASAHIRO, Nakatsuka

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13<sup>ter</sup>.2 and 37 CFR 1.821 – 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Statement Under 37 CFR 3.73(b) , including copy of Assignment

| U.S. APPLICATION NO. <b>10/570838</b>   |              | INTERNATIONAL APPLICATION NO.<br>PCT/KR2003/002870                                  |              | ATTORNEY'S DOCKET NUMBER<br>240010  |              |   |      |            |         |   |         |    |  |
|---|--------------|---|--------------|---|--------------|---|------|------------|---------|---|---------|----|--|
| The following fees have been submitted:   |              |   |              | <b>CALCULATIONS PTO USE ONLY</b>  |              |   |      |            |         |   |         |    |  |
|   |              |   |              |   |              |   |      |            |         |   |         |    |  |
| 21. <input checked="" type="checkbox"/> Basic national fee .....\$300.00  |              |   |              | \$ 300.00   |              |   |      |            |         |   |         |    |  |
| 22. <input checked="" type="checkbox"/> Examination fee<br>If International preliminary examination report prepared by USPTO and all claims satisfy<br>provisions of PCT Article 33(1)-(4) ..... \$100.00<br>All other situations .....\$200.00   |              |   |              | \$ 200.00   |              |   |      |            |         |   |         |    |  |
| 23. <input checked="" type="checkbox"/> Search fee<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as<br>an International Searching Authority .....\$100.00<br>International Search Report prepared and provided to the Office.....\$400.00<br>All other situations.....\$500.00   |              |   |              | \$ 400.00   |              |   |      |            |         |   |         |    |  |
| <b>TOTAL OF 21, 22 and 23 =</b>   |              |   |              | \$ 900.00   |              |   |      |            |         |   |         |    |  |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding<br>sequence listing or computer program listing filed in an electronic medium).<br>The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |              |   |              |   |              |   |      |            |         |   |         |    |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Total Sheets</th> <th style="width: 15%;">Extra Sheets</th> <th style="width: 30%;">Number of each additional 50 or<br/>Fraction thereof (round up to a<br/>whole number)</th> <th style="width: 10%;">Rate</th> </tr> <tr> <td>25 - 100 =</td> <td>0 /50 =</td> <td>0</td> <td>x \$250</td> </tr> </table>   |              |   |              | Total Sheets  | Extra Sheets | Number of each additional 50 or<br>Fraction thereof (round up to a<br>whole number) | Rate | 25 - 100 = | 0 /50 = | 0 | x \$250 | \$ |  |
| Total Sheets  | Extra Sheets | Number of each additional 50 or<br>Fraction thereof (round up to a<br>whole number) | Rate         |   |              |   |      |            |         |   |         |    |  |
| 25 - 100 =  | 0 /50 =      | 0   | x \$250      |   |              |   |      |            |         |   |         |    |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492(h)).   |              |   |              | \$  |              |   |      |            |         |   |         |    |  |
| CLAIMS  |              | NUMBER FILED  | NUMBER EXTRA | RATE  |              |   |      |            |         |   |         |    |  |
| Total claims (16 actual<br>claims; 21 for fee calc)   |              | 11 - 20 =   | 0            | x \$50.00   | \$           |   |      |            |         |   |         |    |  |
| Independent claims  |              | 5 - 3 =   | 2            | x \$200.00  | \$ 400.00    |   |      |            |         |   |         |    |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |   |              | + \$360.00  | \$ 360.00    |   |      |            |         |   |         |    |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |              | \$1660.00   |              |   |      |            |         |   |         |    |  |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above<br>are reduced by 1/2.  |              |   |              | \$ 830.00   |              |   |      |            |         |   |         |    |  |
| <b>SUBTOTAL =</b>   |              |   |              | \$ 830.00   |              |   |      |            |         |   |         |    |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492(i)).  |              |   |              | \$  |              |   |      |            |         |   |         |    |  |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |              | \$ 830.00   |              |   |      |            |         |   |         |    |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |              |   |              | \$ 40.00  |              |   |      |            |         |   |         |    |  |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |              | \$ 870.00   |              |   |      |            |         |   |         |    |  |
|   |              |   |              | Amount to be<br>refunded:   | \$           |   |      |            |         |   |         |    |  |
|   |              |   |              | charged:  | \$ 870.00    |   |      |            |         |   |         |    |  |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.<br>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>50-1047</u> in the amount of <u>\$ 870.00</u> to cover the above fees. A duplicate copy of this sheet is<br>enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any<br>overpayment to Deposit Account No. <u>50-1047</u> . A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card<br>information should not be included on this form. Provide credit card information and authorization on PTO-2038. |              |   |              |   |              |   |      |            |         |   |         |    |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a)<br>or (b)) must be filed and granted to restore the application to pending status.  |              |   |              |   |              |   |      |            |         |   |         |    |  |
| SEND ALL CORRESPONDENCE TO:   |              |   |              |   |              |   |      |            |         |   |         |    |  |
| Mayer & Williams, PC<br>251 North Avenue West, 2 <sup>nd</sup> Floor<br>Westfield, NJ 07090<br><br>Tel.: 908-518-7700<br>Fax: 908-518-7795  |              |   |              | SIGNATURE<br><br><br>_____<br>NAME<br>35,277<br>_____<br>REGISTRATION NUMBER |              |   |      |            |         |   |         |    |  |

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Hong-Jin Kong et al.

Docket No.

2400/10

|                                      |  |                        |                       |                              |
|--------------------------------------|--|------------------------|-----------------------|------------------------------|
| Application No.<br>PCT/KR2003/002870 | Filing Date<br>12/29/03 (Int'l Filing) | Examiner<br>Unassigned | Customer No.<br>27774 | Group Art Unit<br>Unassigned |
|--------------------------------------|--|------------------------|-----------------------|------------------------------|

Invention: APPARATUS AND METHOD FOR SELF-PHASE CONTROL WITH STIMULATED BRILLOUIN SCATTERING PHASE CONJUGATE MIRROR

I hereby certify that the following correspondence:

New U.S. Patent Application Filed Under 35 USC 371

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

03/03/2006

*(Date)*

Marjorie Scariati

*(Typed or Printed Name of Person Mailing Correspondence)*

*Marjorie Scariati*

*(Signature of Person Mailing Correspondence)*

EQ 133026578 US

*("Express Mail" Mailing Label Number)*

**Note: Each paper must have its own certificate of mailing.**